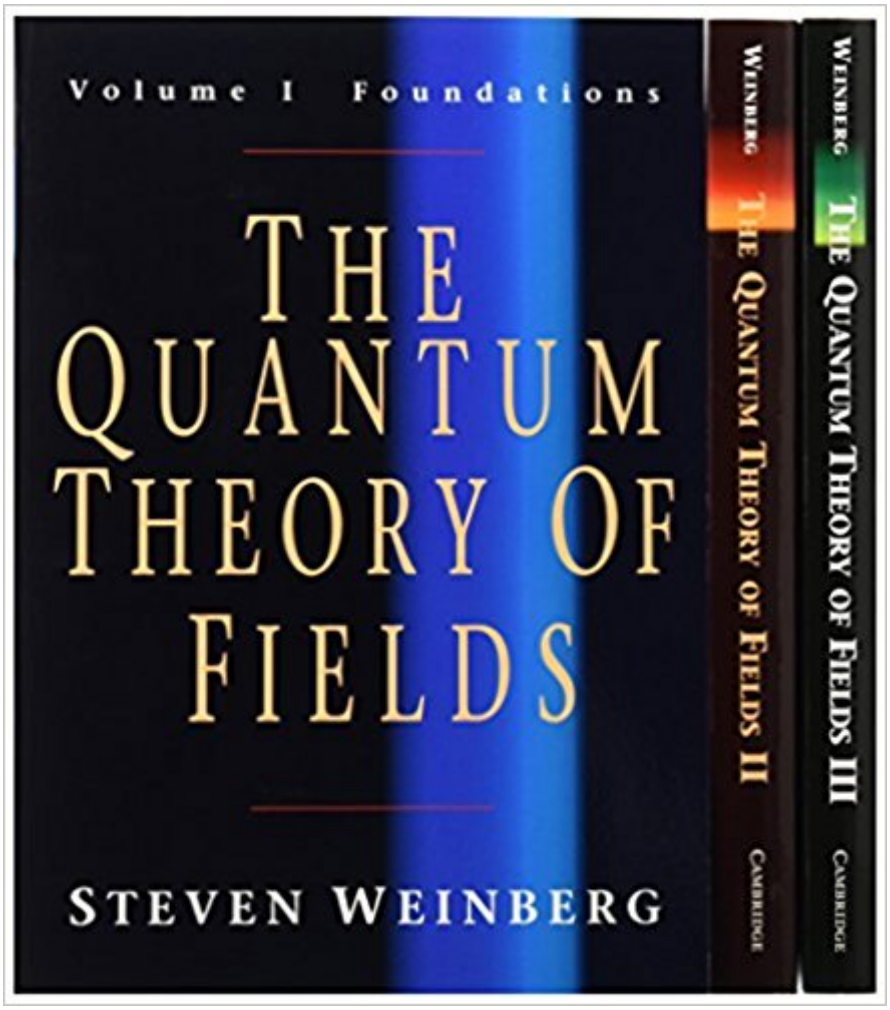
The Quantum Theory Of Fields 3 Volume Paperback Set (V. 1-3)



Synopsis

Available for the first time in paperback, The Quantum Theory of Fields is a self-contained, comprehensive, and up-to-date introduction to quantum field theory from Nobel Laureate Steven Weinberg. The first volume introduces the foundations of quantum field theory, the second volume examines modern applications, and finally, the third volume presents supersymmetry, an area of theoretical physics likely to be at the center of progress in the physics of elementary particles and gravitation. The development is fresh and logical throughout, with each step carefully motivated by what has preceded. The presentation of modern mathematical methods is interwoven with accounts of applications in both elementary particle and condensed matter physics. The three volumes contain much original material, and are enhanced with examples and insights drawn from the author’s experience as a leader of elementary particle research. Hb ISBN (1995) Vol.1 0-521-55001-7 Hb ISBN (1996) Vol.2 0-521-55002-5 Hb ISBN (1996) Vols. 1 & 2 Set 0-521-58555-4 Hb ISBN (2000) Vol.3 0-521-66000-9 HB ISBN (2000) Vols. I-3 Set 0-521-78082-9

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Customer Reviews

"Provides an impressively lucid and thorough presentation of the subject from this modern viewpoint...Weinberg manages to present difficult topics with richness of meaning and marvellous clarity. Full of valuable insights, his treatise is sure to become a classic." Nature"Weinberg’s Modern Applications goes to the boundaries of our present understanding of the field theory. It is unmatched

by any other book on quantum field theory for its depth, generality and definitive character, and it will be an essential reference for serious students and researchers in elementary particle physics." Physics Today"Steven Weinberg, one of the greatest theoreticians in the past 50 years, has written a magisterial, no-holds-barred account of the theory in all its glory...a definitive text for succeeding generations." New Scientist"...without doubt goes far beyond the ambition of providing a quick calculational receipe book....The Quantum Theory of Fields is a serious scholarly attempt to lift "Life a little above the level of farce." Foundations of Physics Letters

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It is an excellent book. Very well it is written, both its historical part as its fundamental aspects. These volumes meet my expectations. Thank you very much to the author for the excellent content.

Met my expectations.

This will certainly be a classic reference book. However, it focuses on the underlying formalism. So it is not going to be overly useful as an education tool, unless you are looking into the fundamentals which support the theory.

is attributing "The Quantum Theory of Fields" to the wrong writer. The author of this three-volume treatise, of course, is Steven Weinberg (no middle initial), who is also the author of "Cosmology" and "Gravitation and Cosmology." Steven Weinberg has no middle initial. I think should correct this.

Supersymmetry The Quantum Theory of Fields, Vol. 2: Modern Applications Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics) The Quantum Mechanics Solver: How to Apply Quantum Theory to Modern Physics Mrs. Fields Cookie Book: 100 Recipes from the Kitchen of Mrs. Fields Crystals: The Ultimate Guide To: Energy Fields, Auras, Chakras and Emotional Healing (Aura, Healing Stones, Crystal Energy, Crystal Healing, Energy Fields, Emotional Healing, Gemstone) Particles and Quantum Fields Ultracold Quantum Fields (Theoretical and Mathematical Physics) Recursion Theory, Godel's Theorems, Set Theory, Model Theory (Mathematical Logic: A Course With Exercises, Part II) Quantum Ontology: A Guide to the Metaphysics of Quantum Mechanics Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing Introduction to Topological Quantum Matter & Quantum Computation Quantum Mechanics: Re-engineering Your Life With Quantum Mechanics & Affirmations Quantum Runes: How to Create Your Perfect Reality Using Quantum Physics and Teutonic Rune Magic (Creating Magick with The Universal Laws of Attraction Book 1) Delirious, A Quantum Novel (Quantum Series Book 6) Quantum Thermodynamics: Emergence of Thermodynamic Behavior Within Composite Quantum Systems (Lecture Notes in Physics)